

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 1629 | ((423/608,609,610) or (502/350)). CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/26 09:58 |
| L2 | 988 | L1 and ((titanium adj \$2oxide) or "tio. sub.2") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/26 09:58 |
| L3 | 97 | L1 and (((titani\$2 with ammoni\$2) or (titani\$2 with urea)) same calcin\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/26 09:58 |
| L4 | 87 | L3 and L2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/26 09:58 |
| L5 | 87 | L4 and (ammoni\$2 or urea or calcin\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/26 09:58 |
| L6 | 11 | L5 and (titanium adj \$5hydroxide) and (fiber or fibrous) and (steam or (water adj vapor)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/26 10:01 |
| L7 | 20 | L5 and (titanium adj \$5hydroxide) and (fiber or fibrous) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/26 10:02 |
| L8 | 20 | L5 and (titanium adj hydroxide) and (fiber or fibrous) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/26 10:02 |

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| L9 | 42 | L5 and (fiber or fibrous) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/26 10:02 |
| L10 | 33 | L5 and (titanium adj hydroxide) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/26 10:02 |
| S1 | 1062 | ((423/608,609,610) or (502/350)). CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/26 08:30 |
| S2 | 741 | ((423/610) or (502/350)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/03/10 07:28 |
| S3 | 360 | ((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2)) | US-PGPUB; USPAT | OR | ON | 2003/03/10 06:00 |
| S4 | 236 | (((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) | US-PGPUB; USPAT | OR | ON | 2003/03/10 06:00 |
| S5 | 55 | ((((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh. sub."\$2)) | US-PGPUB; USPAT | OR | ON | 2003/03/10 06:00 |
| S6 | 8 | ((((((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh. sub."\$2)) and (titanium adj hydroxide) | US-PGPUB; USPAT | OR | ON | 2003/03/10 06:01 |
| S7 | 6 | ((((((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh. sub."\$2)) and (titanium adj hydroxide)) and steam\$4 | US-PGPUB; USPAT | OR | ON | 2003/03/10 06:01 |
| S8 | 1 | (((((((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh. sub."\$2)) and (titanium adj hydroxide)) and steam\$4) and (calcin\$3 or calcinat\$4) with (titanium adj hydroxide) | US-PGPUB; USPAT | OR | ON | 2003/03/10 06:53 |

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| S9 | 2 | (((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh.sub."\$2)) and (titanium adj hydroxide)) and (calcin\$3 or calcinat\$4) with (titanium adj hydroxide) | US-PGPUB; USPAT | OR | ON | 2003/03/10 05:27 |
| S10 | 112 | ((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) with (gas\$4 or vapor) | US-PGPUB; USPAT | OR | ON | 2003/03/10 06:04 |
| S11 | 76 | (((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) with (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4) | US-PGPUB; USPAT | OR | ON | 2003/03/10 06:04 |
| S12 | 25 | (((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) with (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh.sub."\$2) | US-PGPUB; USPAT | OR | ON | 2003/03/10 06:04 |
| S13 | 7 | (((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) with (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with ((ammoni\$2 or "nh.sub."\$2) with (gas\$4 or vapor)) | US-PGPUB; USPAT | OR | ON | 2003/03/10 06:01 |
| S14 | 2 | (((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) with (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with ((ammoni\$2 or "nh.sub."\$2) with (gas\$4 or vapor))) and steam\$4 | US-PGPUB; USPAT | OR | ON | 2003/03/10 06:05 |
| S15 | 6 | (((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) with (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh.sub."\$2)) and (titanium adj hydroxide) | US-PGPUB; USPAT | OR | ON | 2003/03/10 06:02 |
| S16 | 73 | ((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor) | US-PGPUB; USPAT | OR | ON | 2003/03/10 07:20 |
| S17 | 50 | ((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4) | US-PGPUB; USPAT | OR | ON | 2003/03/10 06:04 |

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| S18 | 20 | (((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh.sub."\$2)) | US-PGPUB; USPAT | OR | ON | 2003/03/10 06:11 |
| S19 | 7 | (((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh.sub."\$2)) and steam\$4 | US-PGPUB; USPAT | OR | ON | 2003/03/10 06:05 |
| S20 | 5 | (((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh.sub."\$2)) and (titanium adj hydroxide) | US-PGPUB; USPAT | OR | ON | 2003/03/10 06:08 |
| S21 | 6 | ((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4) near4 (ammoni\$2 or "nh.sub."\$2)) | US-PGPUB; USPAT | OR | ON | 2003/03/10 09:18 |
| S22 | 0 | ("wo9940028").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/03/10 06:20 |
| S23 | 0 | ("9940028").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/03/10 06:20 |
| S24 | 0 | ("wo9940028").PN. | USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/03/10 06:20 |
| S25 | 0 | "wo99/40028" | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/03/10 06:22 |
| S26 | 2 | ("9940028").PN. | USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/03/10 06:23 |
| S27 | 0 | ("wo9940028").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/03/10 06:20 |
| S28 | 0 | ("wo9940028").PN. | USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/03/10 06:20 |

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| S29 | 2 | "9940028" | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/03/10 06:21 |
| S30 | 0 | "99/40028" | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/03/10 06:22 |
| S31 | 0 | ("0040028").PN. | USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/03/10 06:23 |
| S32 | 11 | (((((ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh.sub."\$2)) and (titanium adj hydroxide)) and steam\$4) and (calcin\$3 or calcinat\$4) with (titanium adj hydroxide) | US-PGPUB; USPAT | OR | ON | 2003/03/10 06:53 |
| S33 | 11 | (((((ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh.sub."\$2)) and (titanium adj hydroxide)) and steam\$4) and (calcin\$3 or calcinat\$4) with (titanium adj hydroxide) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/03/10 06:53 |
| S34 | 11 | ((((((ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh.sub."\$2)) and (titanium adj hydroxide)) and steam\$4) and (calcin\$3 or calcinat\$4) with (titanium adj hydroxide)) and (titania or "tio.sub.2" or (titanium adj \$2oxide)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/03/10 06:54 |
| S35 | 7 | ((((((((ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh.sub."\$2)) and (titanium adj hydroxide)) and steam\$4) and (calcin\$3 or calcinat\$4) with (titanium adj hydroxide)) and (titania or "tio.sub.2" or (titanium adj \$2oxide))) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/03/10 06:55 |

EAST Search History

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| S36 | 7 | (((((ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh.sub."\$2)) and (titanium adj hydroxide)) and steam\$4) and (calcin\$3 or calcinat\$4) with (titanium adj hydroxide)) and (titania or "tio.sub.2" or (titanium adj \$2oxide))) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/03/10 07:19 |
| S37 | 11 | (((((ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh.sub."\$2)) and (titanium adj hydroxide)) and steam\$4) and (calcin\$3 or calcinat\$4) with (titanium adj hydroxide)) and (titanium adj hydroxide) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/03/10 07:19 |
| S38 | 11 | (((((ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh.sub."\$2)) and (titanium adj hydroxide)) and steam\$4) and (calcin\$3 or calcinat\$4) with (titanium adj hydroxide)) and (titania or "tio.sub.2" or (titanium adj \$2oxide))) and (titanium adj hydroxide) with (calcin\$3 or calcinat\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/03/10 07:37 |
| S39 | 73 | ((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor)) | US-PGPUB; USPAT | OR | ON | 2003/03/10 07:21 |
| S40 | 1 | ((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor)) and (titanium adj hydroxide) with (calcin\$3 or calcinat\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/03/10 07:37 |
| S41 | 741 | ((423/610) or (502/350)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/03/10 07:28 |
| S42 | 11 | ((((423/610) or (502/350)).CCLS.) and (titanium adj hydroxide) with (calcin\$3 or calcinat\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/03/10 07:29 |
| S43 | 2 | ((((423/610) or (502/350)).CCLS.) and (titanium adj hydroxide) with (calcin\$3 or calcinat\$4)) and steam\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/03/10 08:07 |

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| S44 | 9 | bibrous | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/03/10 08:07 |
| S45 | 6 | ((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4) near4 (ammoni\$2 or "nh.sub."\$2) | US-PGPUB; USPAT | OR | ON | 2003/03/10 09:19 |
| S47 | 1 | ("6827922").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/26 08:19 |
| S48 | 1629 | ((423/608,609,610) or (502/350)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/26 08:30 |
| S49 | 1257 | S48 and (titani\$2 or "tio.sub.2") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/26 08:31 |
| S50 | 988 | S48 and ((titanium adj \$2oxide) or "tio.sub.2") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/26 08:31 |
| S51 | 97 | S48 and (((titani\$2 with ammoni\$2) or (titani\$2 with urea)) same calcin\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/26 08:36 |
| S52 | 87 | S51 and S50 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/26 08:33 |
| S53 | 87 | S52 and (ammoni\$2 or urea or calcin\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/26 09:05 |

EAST Search History

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| S54 | 33 | S53 and (titanium adj hydroxide) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/26 08:46 |
| S55 | 33 | S53 and (titanium adj \$hydroxide) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/26 09:58 |
| S56 | 31 | S52 and ((ammoni\$2 with gas) or (ammoni\$2 with gaseous) or (urea with gas) or (urea with gaseous)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/26 09:12 |
| S57 | 25 | S52 and ((ammoni\$2 near3 gas) or (ammoni\$2 near3 gaseous) or (urea near3 gas) or (urea near3 gaseous)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/26 09:12 |